WideScreen

5ms

HDCP ready

sRGB

VGA dvi DualInput

SmartErgoBase

Built-in Speakers

TCO'03 DISPLAYS

Windows Vista™

Boost your professional productivity

With high resolution, legible text size, a larger viewing area plus convenient built-in speakers, this Philips 240BW8 boots your business productivity - and is ready for immediate or future upgrade to Windows Vista.

Designed for maximum productivity
- Big, widescreen ideal for viewing two A4 pages side-by-side
- Display more images and content without scrolling
- Tilt, swivel and height-adjust for an ideal viewing position

Best total cost of ownership solution
- Empowered for Windows Vista
- Complies with RoHS standards to care for the environment

Outstanding front of screen performance
- WUXGA, wide format 1920x1200 resolution for sharper display
- 5ms fast response time
- DVI-D input and HDCP support

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Embedded power supply eliminates external power adaptors
- Built-in speakers for audio without desktop clutter

PHILIPS

sense **and** simplicity

LCD widescreen monitor
24" wide WUXGA

Specifications

Picture/Display
- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 24" / 61.1 cm
- Effective viewing area: 20.4 inch x 12.8 inch
- Pixel pitch: 0.270 x 0.270 mm
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000 : 1
- Display colors: 16.7 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1920 x 1200 @ 60Hz (digital input)
- Recommended Resolution: 1920 x 1200 @ 60Hz (digital input)
- Video Dot Rate: < 170 MHz
- Horizontal Scanning Frequency: 30 - 83 Hz
- Vertical Scanning Frequency: 56 - 75 Hz
- Aspect ratio: 16:10
- sRGB

Connectivity
- Signal Input: Analog (VGA), DVI-D, PC Audio in
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- Convenience Enhancements: On-screen Display
- Monitor Controls: Input, Auto (Back), Volume control (Down), Brightness (Up), Menu (OK), Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Tilt: -3.5° to 21.5°
- Swivel: +/- 45°
- Pivot: 90° (clockwise)
- VESA Mount: 100 x 100 mm
- Built-in Audio: 2 W x 2

Accessories
- Included Accessories: AC Power Cord, DVI-D cable, VGA cable, Audio Cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 651 x 560 x 298 mm
- Box dimensions in inch (W x H x D): 25.6 x 22.0 x 11.7 inch
- Set dimensions (W x H x D): 565.6 x 409.8 x 68.3 mm
- Set dimensions in inch (W x H x D): 22.3 x 16.1 x 2.7 inch
- Set dimensions with stand (W x H x D): 565.6 x 445.7 x 220 mm
- Set dimensions with stand in inch (W x H x D): 22.3 x 17.5 x 8.7 inch
- Height adjustment range: 130 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 8.8 kg
- Product weight (+stand) (lb): 19.4 lb
- Weight incl. Packaging: 11.9 kg
- Weight incl. Packaging (lb): 26.2

Power
- Complies with: Energy Star
- Consumption: < 70 W
- Off Mode: < 1 W
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

Widescreen
A big, widescreen display that improves productivity by displaying two A4 pages side-by-side.

Large viewing area
Viewing area is the visible portion of a monitor screen available for displaying data.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

Compliant with RoHS standards
Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

WUXGA, wide format 1920 x 1200
Wide format of Ultra Extended Graphics Array, a display specification that is capable of displaying 1920 x 1200 resolution, or approximately 2.3 million pixels.

5ms on/off response time
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

HDCP ready
High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

Built-in speakers
Audio speakers built into a display device.